

ABSTRACT OF THE DISCLOSURE

Disclosed is a flat panel display capable of enhancing a white balance by making a doping concentration or shape and size of drain offset regions of driving transistors different, in R, G and B unit pixels of each pixel. A flat panel display, comprises a plurality of pixels, where each of pixels including R, G and B unit pixels to embody red (R), green (G) and blue (B) colors, respectively. Each of the unit pixels includes a transistor with source/drain regions. Transistors of at least two unit pixels of the R, G and B unit pixels have drain regions of different geometric structures. In each unit pixel, a resistance value of the drain region of the transistor to drive a light-emitting device having the highest luminous efficiency among the transistors is higher than that of the drain region of a transistor to drive the light-emitting device having a relatively low luminous efficiency.